

**IN THE SPECIFICATION:**

Please add the following subtitle and paragraph beginning on page 6, before line 6 as follows:

**Brief Description of Drawing**

Fig. 1 is a schematic flowsheet of an embodiment of the invention.

Please replace the paragraph beginning on page 6, line 9 with the following amended paragraph:

The initial feedstock is introduced via line 1 into a selective hydrogenation reactor A.

Please replace the paragraph beginning on page 8, line 4 with the following amended paragraph:

The effluent that is obtained from reactor A is then introduced via line 2 (stage b)) into an extractive distillation column B with a supply tray, not shown in Figure 1). During this stage b), a solvent that is called an entrainer in the description below is injected above the supply tray of the distillation column.

Please add the following paragraph beginning on page 11, before line 11 as follows:

The reboiling rate in regeneration column C is illustrated by circuit 7.

**In the Drawing**

Please enter the attached replacement sheet which corrects the original drawing by omitting the arrowhead leading into the bottom of extractive distillation column B and by relocating the reference line for reference numeral 9 so that it is affixed to the heat exchanger not to a conduit.